Electroencephalography and clinical Neurophysiology, 1989, 72: 555–567
Elsevier Scientific Publishers Ireland, Ltd.

Index of Authors

VOLUME 72, 1989

(The numbers followed by P refer to abstracts from Society Proceedings)

Abbruzzese, M., 82P
Abraham, R., 63P
Accornero, N., Berardelli, A. and Manfredi, M., A composite probe for acoustic and electromyographic recording of muscular activity, 548
Ackell, A.B., 1P
Acosta, J., 90P
Adams, G., 40P
Adams, J., 63P
Aiello, I., 83P
Albrecht, V., 70P
Alcântara, J., 88P
Alfonsi, E., 81P
Aljarrat, I., 48P
Allard, F., see Nativ, A., 157
Allen, B., 33P, 100P
Almenar, C., 88P
Alvarez, N., see Neill, J.C., 198
Ambiveri, G., 76P
Ambler, Z., 72P, 73P
Amblerová, V., 73P
Ambrosetto, G., 84P
Aminoff, M.J., 97P
Amos, P., see Wroe, S.J., 346
Andersen, S.K., 52P
Anderson, C., 100P
Andreassen, S., 52P
Andrews, J.M., 19P
Anelli, S., 76P
Angeleri, F., 78P
Apih, G., 84P
Apollo, F., 85P
Arcelloni, T., 76P
Arimura, K., 96P
Arimura, Y., 96P
Arne, P., 90P
Arrigo, A., 81P
Artru, F., 89P
Asencor, J., 45P
Austin, C., 21P
Autret, A., 36P, 88P
Autret, E., 88P
Averbook, A., 9P
Averbook, A., see Epstein, C.M., 133
Awad, I.A., 3P, 7P, 11P

Bachen, N.I., 52P
Bacher, M., Scholz, E. and Diener, H.C., 24 Hour continuous tremor quantification based on EMG recording, 176
Backman, M., 101P
Badiali, M., 80P
Bajalan, A.A.A., 41P
Baker Kearfott, R., 16P
Balbi, P., 83P
Bandinelli, S., 103P
Banerji, N.K., 63P
Bar, D., 81P
Bar-Ziv, J., see Myslobodsky, M.S., 362
Baran, E.M., 98P
Bareš, K., 71P
Barnett, G.H., 7P
Barnkow, D., 100P
Barone, V., 78P
Barrès, D., 91P
Barrett, G., 64P
Barrett, G., see Pratt, H., 407
Barvířová, H., 68P
Basciani, M., 81P
Bauer, H., Korunka, C. and Leodolter, M., Technical requirements for high-quality scalp DC recordings, 545
Bauer, J., 27P
Bauman, F., 18P, 93P
Beaty, J., 18P, 93P
Beaumanoir, A., 37P
Bechinger, D., 27P
Bechtereva, N.P., Kropotov, J.D., Etlinger, S.C. and Ponomarev, V.A., Human thalamic and pallidal neuronal responses to visual stimuli in a threshold recognition task, 240
Becker, L.E., 13P
Beddoes, M.P., see Panych, L.P., 268
Bednařík, J., 73P, 74P
Beersma, D.G.M., see Dijk, D.J., 312

0013-4649/89/$03.50 © 1989 Elsevier Scientific Publishers Ireland, Ltd.

Bell, R., 2P
Bellis, F., 87P
Benarroch, E.E., 31P
Bencivenga, R., 35P
Benda, G., 32P
Benda, G.I., Engel, R.C.H. and Zhang, Y., Prolonged inactive phases during the discontinuous pattern of prematurity in the electroencephalogram of very-low-birthweight infants, 189
Bendoukha, H., 36P
Benna, P., 85P
Beránek, J., 68P
Berardelli, A., see Accornero, N., 548
Berciano, J., 48P
Beresford, R., 96P
Berg, I., 28P
Bergamasco, B., 85P
Bergel, N., see Wroe, S.J., 346
Berger, J., 67P
Berger M.S., 33P
Berghold, A., see Pfurtscheller, G., 250
Bergonzi, P., 77P
Bergonzoli, S., 81P
Bergsrud, D.W., 94P
Berić, A., 94P
Berry, D., 20P
Berthomieu, J., 26P
Bertoldi, I., 29P
Bertrand, O., 89P
Bertrand, O., see Perrin, F., 184
Betz, R., 98P
Beudin, B., 38P
Beudin, D., 37P
Bianchi, L., 77P
Bianco, C., 85P
Bickford, R.G., 33P, 99P
Billeci, D., 83P
Billiard, M., 89P
Billings, R.J., The origin of the occipital lambda wave in man, 95
Billings, R.J., The origin of the initial negative component of the averaged lambda potential recorded from midline electrodes, 114
Bilton, V., 8P
Binnie, C.D., 106P
Bissakou, M., 83P
Bissenden, J.G., 40P
Bjerke, P., 52P
Blair, R.C., see Karniski, W., 373
Blanc-Bimar, M.C., 88P
Blanes, W., 39P
Blavier, A., 36P
Bleck, T.P., 5P
Blom, S., 52P, 53P
Blondel, V., 39P
Blume, H.R., 11P
Blumhardt, L.D., 25P
Blumhardt, L.D., see Smith, P.E.M., 207
Bo, E., 85P
Bočan, P., 69P
Boel, M., 24P
Bogart, C., 18P
Bogner, J.E., 19P
Bogui, P., see Buguet, A., 471
Bonanni, E., 76P
Bonito, V., 80P
Bonnet, C., 39P
Boor, D.R., 9P
Booth, K.R., 104P
Borobia, C., 87P
Boston, J.R., 93P
Botebol Benhamou, G., 50P
Boudet, M., see Jeanmonod, D., 450
Bour, F., 27P
Bourdel, M.C., 36P
Bourgault, R., 4P
Bourgeois, B.F.D., 10P
Bousounis, D.P., 17P
Boyd, S., 107P
Boza García, F., 50P
Brailowsky, S., Silva-Barrat, C., Ménini, C., Riche, D. and Naquet, R., Effects of localized, chronic GABA infusions into different cortical areas of the photosensitive baboon, *Papio papio*, 147
Brancasi, B., 79P
Brandom, B., 93P
Bravaccio, F., 77P
Brenner, R.P., 12P
Brenner, R.P., Reynolds, III, C.F. and Ulrich, R.F., EEG findings in depressive pseudodementia and dementia with secondary depression, 298
Breslau, J., Starr, A., Sicotte, N., Higa, J. and Buchsbaum, M.S., Topographic EEG changes with normal aging and SDAT, 281
Brewster Smith, W., 10P
Brežný, I., 69P
Bridgers, S.L., 6P, 102P
Bridwell, K., 100P
Briggs, K.D., 4P
Brismar, T., 52P
Brittain, D., 33P
Broemmel, P., 21P
Brown, M.E., 34P
Brown, S., see Wroe, S.J., 346
Browne, J.K., 97P
Bruschi, C., 79P
Buchanan, G., 94P
Buchman, A.S., 99P, 102P
Buchsbaum, M.S., see Breslau, J., 281
Buckelew, S., 104P
Buguet, A., Gati, R., Sèvre, J.P., Develoux, M., Bogui, P. and Lonsdorfer, J., 24 hour polysomnographic evaluation in a patient with sleeping sickness, 471
Buranová, D., 69P

Bureau, M., 79P
Bureš, V., 67P
Burgess, R.C., 7P
Burke, D., see Macefield, G., 518
Burr, W., 24P, 27P
Butler, S., 41P, 106P

Cacciotto, R., 83P
Cadaveira, F., 47P, 48P
Calleja, J., 48P, 50P
Calne, D., 99P
Calne, S., 99P
Cámara, F., 45P
Canal, N., 82P
Candido, J., 47P, 88P
Cantisani, T.A., 82P
Cardesín Castro, R., 49P
Cardona, F., 78P
Carpizo, R., 48P
Carteri, A., 83P
Carton, H., 74P
Caruso, G., 81P, 83P
Casaer, P., 24P
Casas, M., 88P
Cascioli, P., 78P
Castell, D.O., 33P
Castenholz, R.H., 18P, 93P
Castiglia, R., 85P
Cavallari, W., 76P
Cavanaugh, W.A., 19P
Celesia, G.G., 11P
Cerdá, M., 48P
Cerveri, I., 79P
Champagne, S.C., 15P
Chaparro, P., 51P
Chaparro Hernández, P., 50P
Chapuizet, E., 36P
Chatrian, G.E., 33P, 34P
Chauvel, P., 84P
Chazot, F., see Tabaraud, F., 334
Chi, O.Z., 17P
Chiappa, K.H., 2P, 13P, 102P
Cho, H.K., 95P
Chokroverty, S., 104P
Christensen, R., 52P
Chromová, L., 67P
Chuang, S., 13P
Chukhrova, V.A., 77P
Cigánek, L., 71P
Ciliberto, R., 76P
Claus, D., 99P
Coffey, C.E., 21P
Cohen, L.G., 98P, 103P
Cohen, L.G., see Spitzer, A.R., 355
Collins, V.P., 52P
Colognola, R.M., 77P
Colombo, A., 80P
Combarros, O., 50P
Comi, G., 82P
Compston, A., 62P
Conill, J., 88P, 90P
Conway, R.R., 101P, 104P
Cook, Y., 20P
Cooper, R., McCallum, W.C. and Cornthwaite, S.P., Slow potential changes related to the velocity of target movement in a tracking task, 232
Cornthwaite, S.P., see Cooper, R., 232
Corsi-Cabrera, M., Ramos, J. and Meneses, S., Effect of normal sleep and sleep deprivation on interhemispheric correlation during subsequent wakefulness in man, 305
Coselli, J.S., see Mizrahi, E.M., 81
Cosgrove, G.R., 11P
Cosi, V., 84P
Costa, P., 85P
Cotrufo, R., 77P
Cox, J.G.C., 41P
Crawford, E.S., see Mizrahi, E.M., 81
Crisci, C., 77P
Cros, D., 102P
Cruz-Rodriguez, R.F., 32P
Curro Dossi, R., 85P
Cusumano, S., 83P
Cuzner, M.L., 61P

Dalla Bernardina, B., 79P
Dalla Toffola, E., 81P
D'Allest, A.M., 89P
D'Alpa, F., 80P
Daube, J.R., 104P
David, I., 70P
Davies-Jones, G.A.B., 62P
Davis, P., 93P
Davis, W.E., 101P
Dean Hart, J.C., 40P, 63P
De Arriba, G., 50P
De Blas, G., 48P
De Domenico, P., 76P
De Falco, F.A., 77P
Defanti, C.A., 80P
Degiovanni, E., 36P
De la Calzada, M.D., 89P
Delaney, R.C., 102P
Delapierre, G., 29P, 39P
Deleersnyder, H., 27P
Deliac, P., 90P
Dellantonio, R., 80P
Delmer, C., 36P
Delpont, E., 38P
De Mattei, M., 84P
De Mercato, R., 77P
De Mingo, P., 51P
Demuth, P., 67P
Denio, L.S., 20P

Denoth, F., 76P
Denys, W., 91P
De Pablos, C., 50P
DePalma, R.G., 94P
Dernerová, M., 67P
De Romanis, F., 78P
Desai, N., 16P
Deshayes, A., 38P
De Sonneville, L.M.J., Visser, S.L. and Njiokiktjien, C., Late sequelae of a non-optimal neonatal neurological condition in ERPs at the age of 11–13 years, 491
De Toffol, B., 36P
Deupree, D.L., see Jewett, D.L., 439
Deveaux, A.M., 90P
Develoux, M., see Buguet, A., 471
Diaz, C., 48P
Diaz de la Quintana, C., 48P
Diener, H.C., see Bacher, M., 176
Dijk, D.J. and Beersma, D.G.M., Effects of SWS deprivation on subsequent EEG power density and spontaneous sleep duration, 312
DiLullo, J., 104P
Dini, J., 49P
Dinner, D.S., 7P, 10P, 19P, 32P
Di Perri, R., 76P
Di Tommaso, G., 80P
Di Viesti, P., 85P
Dixon, R., see Wroe, S.J., 346
Dlouhá, O., 72P
Dodd-o, J., see Stauffer, A.Z., 340
Dolisi, C., 38P
Donat, J.F., 10P
Donáth, V., 72P
Doran, R.M., 40P
Dorow, R., 28P
Dostál, J., 69P
Dowman, R. and Wolpaw, J.R., Diurnal rhythms in primate spinal reflexes and accompanying cortical somatosensory evoked potentials, 69
Drake, Jr., M.E., 18P, 19P, 20P
Drake, M.E., 34P
Dravet, C., 79P
Dreano, E., 36P, 39P
Drislane, F.W., 11P
Drummond, J.C., 99P
Drury, I., 12P
Drury, I., 14-and-6 Hz positive bursts in childhood encephalopathies, 479
Ducla-Soares, E., see Rose, D.F., 86
Dumas, M., see Tabaraud, F., 334
Dumas, R., 87P
Durigon, M., 91P
Duro, P., 88P
D'Ursi, R., 79P
Dustman, R.E., 15P
Dvořák, I., 70P
Ebersole, J.S., 6P
Echallier, J.F., see Perrin, F., 184
Edmonds, H.L., 101P
Edmonds, Jr., H.L., 101P
Edwards, B., 64P
Edwards, C.M., 94P
Edwards, C.R., 7P
Ehle, A.L., 5P
Ehler, E., 74P
Ehlers, C.L. and Kupfer, D.J., Effects of age on delta and REM sleep parameters, 118
Eisen, A.A., 99P, 102P
Elian, M., 62P
Elsas, L.J., 9P
Elsas, L.J., see Epstein, C.M., 133
El-Zeky, F., 19P
Emerson, R.G., 97P
Emmerson, R.Y., 15P
Emsellem, H.A., 94P
Engberg, G., 53P
Engel, R., 32P
Engel, R.C.H., see Benda, G.I., 189
England, J., 81P
Epstein, C.M., 9P
Epstein, C.M., Trotter, J.F., Averbook, A., Freeman, S., Kutner, M.H. and Elsas, L.J., EEG mean frequencies are sensitive indices of phenylalanine effects on normal brain, 133
Erbguth, F., 27P
Erdmann, K., 18P, 93P
Eriksen, K.J., 17P
Ermani, M., 85P
Ertekin, C., 53P
Escera, C., 49P
Escobar, W.T., 8P
Esteban, A., 46P, 47P
Estivill, E., 88P
Estrem, S.A., 101P
Etlinger, S.C., see Bechtereva, N.P., 240
Evans, B.A., 104P

Faber, J., 66P
Fabrikant, J., see Spitzer, A.R., 355
Falck, B., 52P
Faltus, F., 68P
Farnarier, G., 84P
Favale, E., 83P
Fein, G. and Turetsky, B., P300 latency variability in normal elderly: effects of paradigm and measurement technique, 384
Feistel, H., 27P
Feliciani, M., 78P
Ferber, G., 38P
Ferri, R., 77P
Festa, A., 80P
Feuerstein, C., 39P

Fiedler, J., 72P
Fiedlerová, D., 67P
Field, C., 17P
Fiksa, J., 72P
Filippi, M., 82P
Findley, L., 63P, 107P
Fine, E.J., 4P, 5P, 12P
Fink, M.E., 2P
Fiol, M.E., 8P
Fioriti, G., 76P
Fisch, B.J., 2P, 13P
Fischer, C., 89P
Fitts, S.S., 95P
Flanigin, H.F., 1P
Flink, R., 52P, 53P
Flynn, T., 96P
Fodil, D., 36P
Ford, M., 16P
Fortescue, P., 33P
Forti, A., 63P
Fotiou, F., 63P
Fox, J.E., Peyton, M.B. and Ragi, E., Lability of the postauricular and inion microreflexes, studied in the normal human subject, 48
Frank, J., see Nativ, A., 157
Freeman, S., 9P
Freeman, S., see Epstein, C.M., 133
Frenkel, A.L., 87P
Friauf, W., see Rose, D.F., 86
Frieling, T., 33P
Froge, E.C., 88P
Frost, Jr., J.D., 1P, 6P
Frysinger, R.C. and Harper, R.M., Cardiac and respiratory correlations with unit discharge in human amygdala and hippocampus, 463
Fuente, J., 47P
Fumelli, P., 80P
Fürst, G., see Steinmetz, H., 499

Gaio, J.-M., 39P
Gallagher, B.B., 1P
Gambi, D., 81P
Gandevia, S.C., see Macefield, G., 518
Ganes, T., 54P
García-Giménez, M.A., 50P
García-Jiménez, M.A., 50P
García-Larrea, L., 89P
García-Martín, F., 50P
Garcia-Ribera, C., 88P
Gastaud, M., 38P
Gatayama, T., see Hashimoto, I., 321
Gates, J.R., 8P, 32P
Gath, I., 39P
Gati, R., see Buguet, A., 471
Genco, S., 79P
Gevins, A.S., 1P
Gherardi, R., 91P
Ghezzi, A., 85P
Giannini, L., 80P
Gianola, D., 80P
Gibert, J., 37P, 38P
Gilmore, R., 16P, 20P
Gimeno, V., 89P
Girvin, J.P., see McLachlan, R.S., 140
Glaze, D.G., 6P
Glover, Jr., J.R., 1P
Godoy, J., 7P, 10P, 19P
Goldie, W.D., 21P
González Gutierrez, J.L., 50P
Goodall, S., 106P
Goodin, D.S., 97P
Gotman, J., 10P
Gotman, J. and Koffler, D.J., Interictal spiking increases after seizures but does not after decrease in medication, 7
Goulon, M., 89P
Grand'Maison, F., 9P
Grasso, A., 80P
Grau, C., 47P, 48P, 49P
Grigg-Damberger, M.M., 11P
Gronier, M., 38P
Groop, L., 56P
Groop, P.-H., 56P
Grose, J., 40P
Gross, C., 26P
Gross, M.J., 104P
Gruber, L.J., 11P
Grundy, B.L., 18P, 93P
Guard, O., 87P
Gueguen, B., 36P
Guidi, C., 81P
Guidi, M., 78P
Guillou, S., 36P
Guizzaro, A., 77P
Gumpert, E.J.W., 62P
Gurtekin, Y., 106P
Gutrecht, J.A., Clinical implications of benign epileptiform transients in sleep, 486

Hagbarth, K.-E., 54P
Hagberg, B., see Hagne, I., 1
Haghighi, S.S., 99P, 101P
Hagne, I., Witt-Engerström, I. and Hagberg, B., EEG development in Rett syndrome. A study of 30 cases, 1
Hahn, A., 71P
Häkkinen, V., 60P
Hallett, M., 98P, 103P
Hallett, M., see Spitzer, A.R., 355
Halliday, A.M., 61P, 64P
Hällström, J., see Hari, R., 277
Halonen, J.-P., 54P
Hammond, E.J., 15P, 16P
Hammond, M., 95P
Hansen, M., 53P
Harden, A., 40P, 107P

Harding, G., see Wroe, S.J., 346
Harding, G.F.A., 40P, 41P
Hari, R., Hällström, J., Tiihonen, J. and Joutsiniemi, S.-L., Multichannel detection of magnetic compound action fields of median and ulnar nerves, 277
Harner, R.N., 10P, 37P
Harper, R.M., see Frysinger, R.C., 463
Hashimoto, I., Yoshikawa, K., Sasaki, M., Gatayama, T. and Nomura, M., Sensory nerve action potentials elicited by mechanical air-puff stimulation of the index finger in man, 321
Hauser, W.A., 13P
Heath, P.D., 42P
Helkala, E.-L., see Soininen, H., 290
Henin-Longevialle, D., 36P
Herbaut, A.G., 108P
Herbison, G.J., 104P
Heřman, P., 69P
Hernandez-Gil, A., 51P
Herrador, M., 51P
Hess, K.R., see Mizrahi, E.M., 81
Hetta, J., 52P
Hietter, S.A., 34P
Hietter, S.L., 18P
Higa, J., see Breslau, J., 281
Hillbom, M., 58P
Hilliard, G.W., 3P
Hilton-Brown, P., 52P
Hiroi, S., see Nagata, K., 16
Hobley, A.J., 41P
Hof, J., 104P
Hoffman, H.J., 13P
Hofmann, W., 24P
Hogan, T., 4P
Hogan, T. and Sundaram, M., Rhythmic auditory stimulation in generalized epilepsy, 455
Hoirch, M., 99P, 102P
Hoke, M., see Pantev, C., 225
Höller, L., 24P, 28P
Holmgren, H., 53P
Holt, R.T., 101P
Honan, W.P., 42P
Hood, T.W., 8P
Hoops, R., 13P
Hord, D., 35P
Hormes, J.T., 31P
Houkin, K., 7P
Howell, S.J.L., 25P
Howell, S.J.L., see Smith, P.E.M., 207
Hrachovy, R.A., 6P
Hromada, J., 74P
Hubert, P., 90P
Hugon, J., see Tabaraud, F., 334
Huh, K., 1P
Huhmar, E., 54P
Hwang, P.A., 13P
Hynek, K., 68P
Iasemidis, L.D., 8P
Ikeda, A., 98P
Iragui, V., 14P, 16P
Ives, J.R., 11P

Jabbari, B., 17P
Jackel, R.A., 10P, 37P
Jacobs, S.R., 104P
Jacome, D.E., 3P
Jágr, J., 73P
Jalin, C., 27P, 90P
Jallon, P., 90P
James, B.K., 1P
Jan, J.E., 35P
Jandolo, B., 82P
Jane, J.A., 96P
Jansen, P.H.P., 44P
Janů, V., 70P
Jarratt, J.A., 62P
Jayakar, P., 13P
Jayakar, P., Patrick, J.P., Shwedyk, E. and Seshia, S.S., Automated rule based graded analysis of ambulatory cassette EEGs, 165
Jeanmonod, D., Sindou, M., Magnin, M. and Boudet, M., Intra-operative unit recordings in the human dorsal horn with a simplified floating microelectrode, 450
Jenkins, G.M., 13P
Jenny, A., 100P
Jensen, F.V., 52P
Jermanová, K., 66P
Jewett, D.L. and Deupree, D.L., Far-field potentials recorded from action potentials and from a tripole in a hemicylindrical volume, 439
Johnson, J.R., 101P
Jokinen, T., 54P, 55P
Jonas, B., 17P
Jones, J., see Wroe, S.J., 346
Jones, S.J., 63P
Jonkman, E.J., 44P
Joosten, E.M.G., 44P
Joutsiniemi, S.-L., see Hari, R., 277

Kadaňka, Z., 73P
Kahn, E.M., 21P
Kaji, R., 94P
Kakigi, R., 98P
Kamp Nielsen, V., 55P
Kandler, R.H., 62P
Kanner, A.M., 7P
Kanner, S., 32P
Kaplan, M., 96P
Karniski, W. and Blair, R.C., Topographical and temporal stability of the P300, 373
Kasmia, A., 35P
Kasmia, A., see Koles, Z.J., 41
Katz, A., 3P, 11P
Katz, B., 14P, 16P

Katz, R.T., 103P
Katzman, R., 14P
Kayed, K., 43P
Keller, D.L., 2P, 13P
Kellett, A.J.C., 15P
Kelly, J.B., 15P
Kerndlová, E., 73P
Kerty, E., 54P
Khabbazeh, Z., 7P
Kimura, J., 33P, 34P, 94P
King, D.W., 1P
Kiram, R., 97P
Kjaerulff, U., 52P
Klass, D.W., 31P
Klauber, M.R., 14P
Klee, H., 38P
Kneip-Scherb, J., 27P
Koffler, D.J., see Gotman, J., 7
Koles, Z.J., 35P
Koles, Z.J., Kasmia, A., Paranjape, R.B. and McLean, D.R., Computed radial-current topography of the brain: patterns associated with the normal and abnormal EEG, 41
Komárek, V., 67P
Kondáš, M., 69P
Kong, A., 3P, 11P
Körner, E., 28P
Kornhuber, H.H., 27P
Korunka, C., see Bauer, H., 545
Kotagal, P., 32P
Kraft, G.H., 95P
Krajča, V., 69P
Kramer, R., 6P, 10P
Krarup, C. and Sethi, R.K., Idiopathic brachial plexus lesion with conduction block of the ulnar nerve, 259
Kraus, J., 67P
Krenn, W., 28P
Kresch, E., 98P
Kropotov, J.D., see Bechtereva, N.P., 240
Ktonas, P.Y., 1P, 2P
Kuba, M., 69P, 70P
Kubicki, S., 28P
Kubová, Z., 70P
Kuchar, M., 71P
Kupfer, D.J., see Ehlers, C.L., 118
Kurata, H., see Nishizono, H., 529
Kutner, M.H., 9P
Kutner, M.H., see Epstein, C.M., 133
Kwee, I.L., 7P
Kyral, V., 75P

Laakso, M., see Soininen, H., 290
Labar, D., 97P
Labar, D.R., 2P
Lacerenza, M., 82P
Lagerlund, T., 31P
Lagerlund, T.D. and Sharbrough, F.W., Computer simulation of the generation of the electroencephalogram, 31
Lago, A., 48P
Lai, C.-W., 18P
Lajčíková, J., 71P
Lallemand, C., 38P
Laman, D.M., 44P
Lamboray, A.M., 91P
Lang, A.H., 55P
Lansing, R. and Savelle, J., Chest surface recording of diaphragm potentials in man, 59
Lanzi, G., 79P
Lanzillo, B., 77P
Lappalainen, R., 60P
Largo, R., 29P
Larsen, T.A., 55P
Larsson, H., 59P
Larsson, L., 55P
Larsson, L.-E., 53P, 56P
Larwood, A., 40P
Lathers, C.M., see Stauffer, A.Z., 340
Laulumaa, V., see Soininen, H., 290
Launes, J., 56P
Lauxerois, M., 37P, 38P
Lavie, P. and Weler, B., Timing of naps: effect on post-nap sleepiness levels, 218
Leandri, M., 83P
Lebedeva, N.V., 77P
Lechner, H., 28P
Ledebt, P., 39P
Leduc, C.P., 9P
Lee, L., 6P
Lee, S.I., 96P
Legatt, A.D., 93P
Lehnertz, K., see Pantev, C., 225
Lehovský, M., 67P
Lelli, S., 103P
Lemaire, J.F., 38P
Lemmi, H., 19P
Leodolter, M., see Bauer, H., 545
Léon Jimenez, A., 50P
Lesný, I., 66P
Leuchter, A., 3P
Leuzzi, V., 78P
Levy, S.R., 5P
Levy-Alcover, M.A., 89P
Lewis, T.T., 61P
Lindroth, L., 56P
Lindvall, B., 56P
Lipovský, Ľ., 71P
Lipps, D., 17P
Lisi, P., 78P, 82P
Lisi, R., 78P
Litchy, W.J., 104P
Litzinger, M.J., 8P
Locatelli, C., 85P

Loizzo, A., 78P
Lombardo, N., 76P
Longatti, P.L., 83P
Longo, G., 76P
Lonsdorfer, J., see Buguet, A., 471
Lopes da Silva, F.H., 39P
López Agreda, J.M., 47P, 87P
Lopez Virgil, J., 87P
Loula, P., 60P
Lüders, H., 3P, 7P, 10P, 11P, 19P
Lütkenhöner, B., see Pantev, C., 225

Macefield, G., Burke, D. and Gandevia, S.C., The cortical distribution of muscle and cutaneous afferent projections from the human foot, 518
Machida, M., 94P
Mack, Y.P., 96P
Macková, J., 71P
Madrazo, J., 51P
Madrazo Osuña, J., 50P
Maeztu, C., 51P
Magaudda, A., 79P
Magnin, M., see Jeanmonod, D., 450
Mainwaring, N.R., 11P
Mallart, R., 2P
Malmivuo, J., 57P
Mancino, M., 76P
Mandel, S., 98P
Manfredi, M., see Accornero, N., 548
Manmaru, S. and Matsuura, M., Quantification of benzodiazepine-induced topographic EEG changes by a computerized wave form recognition method: application of a principal component analysis, 126
Manni, R., 79P
Mantanus, M., 37P
Marin, A., 87P
Markabi, S., 36P
Márquez Sanchez, J., 49P
Marshall, D.W., 21P
Martinelli, V., 82P
Martín-Escobar, E., 50P
Martinez, S.A., 101P
Martinez Silfa, J.A., 48P
Martín-Hernández, R., 50P
Martino, R., 79P
Massetani, R., 76P
Mastroroberto, G., 77P
Matejcek, M., 38P
Matikainen, E., 56P
Matsuo, F., 6P, 8P, 34P
Matsuura, M., see Manmaru, S., 126
Matthew, D.J., 107P
Matulová, H., 75P
Mauguière, F., 89P
Maxwell, R.E., 8P, 32P
Mazzalovo, E., 85P
McCallum, W.C., see Cooper, R., 232
McClary-Graham, B.J., 5P
McClelland, R.J., 107P
McEvoy, L.K., 15P
McLachlan, R.S. and Girvin, J.P., Electroencephalographic features of midline spikes in the cat penicillin focus and in human epilepsy, 140
McLean, D.R., see Koles, Z.J., 41
Meador, K.J., 1P
Mellerio, F., 87P
Meneses, S., see Corsi-Cabrera, M., 305
Ménini, C., 68P
Ménini, C., see Brailowsky, S., 147
Mennuni, G., 77P
Merenda, M., 82P
Meriggioli, M., 14P
Mervaala, E., 14P, 95P
Messenheimer, J.A., 3P, 5P
Meyer, B.-U., see Steinmetz, H., 499
Michaels, D.F., 3P
Michalewski, H.J., see Pratt, H., 407, 507
Michelucci, R., 84P
Micieli, G., 81P
Mikol, F., 27P
Miller, D.H., 63P
Mills, J.H., see Smith, D.I., 422
Mills, K.R., 108P
Mises, J., 90P
Misurec, J., 69P
Miyashita, M., see Nishizono, H., 529
Mizrahi, E.M., Patel, V.M., Crawford, E.S., Coselli, J.S. and Hess, K.R., Hypothermic-induced electrocerebral silence, prolonged circulatory arrest, and cerebral protection during cardiovascular surgery, 81
Moberg, R., 2P
Moglia, A., 81P
Mokri, B., 31P
Molaie, M., 19P
Moliner, J., 48P
Monge-Strauss, M.F., 27P
Monstad, P., 57P
Montanini, R., 85P
Moore, L., 21P
Morawski, P., 66P
Moreau, J.J., see Tabaraud, F., 334
Moreno Gómez, I., 49P
Morgan, J., 41P
Morilla-Pastor, D., 3P
Morris, H.H., 7P, 10P, 32P
Moussali-Salefranque, F., 87P
Munari, C., 84P
Munson, R., 14P
Muñoz, C., 51P
Muñoz Villa, C., 50P
Murphy, D., 10P
Murphy, K., 99P, 102P
Murray, N.M.F., 62P, 99P
Murri, L., 76P

Murro, A.M., 1P
Musatova, I.V., 77P
Musumeci, S.A., 77P
Myslobodsky, M.S. and Bar-Ziv, J., Locations of occipital EEG electrodes verified by computed tomography, 362

Nagata, K., Tagawa, K., Hiroi, S., Shishido, F. and Uemura, K., Electroencephalographic correlates of blood flow and oxygen metabolism provided by positron emission tomography in patients with cerebral infarction, 16
Nagy, M.E., see Rugg, M.D., 395
Nakada, T., 7P
Nakamura, M., 98P
Napoletano, V., 79P
Nappi, G., 81P
Naquet, R., see Brailowsky, S., 147
Natale, S., 77P
Nativ, A., Frank, J. and Allard, F., The effect of handedness on spinal and supra-spinal reflex excitability, 157
Navara, M., 71P
Navelet, Y., 87P
Navona, C., 76P
Neill, J.C. and Alvarez, N., The effects of the everyday environment on epileptic activity in three mentally retarded individuals, 198
Nelson, P.L., 4P
Neri, W., 81P
Neshige, R., 98P
Neunzig, H.-P., 25P
Neuvo, Y., 60P
Nevšímal, O., 68P
Nevšímalová, S., 72P
Newton, M.R., 64P
Niedermeyer, E., 9P
Nikkinen, P., 56P
Nilsson, B.Y., 59P
Nilsson, J., 103P
Nishida, S., 98P
Nishizono, H., Kurata, H. and Miyashita, M., Muscle fiber conduction velocity related to stimulation rate, 529
Njiokiktjien, C., see De Sonneville, L.M.J., 491
Nobre, L., 29P
Nogueira, M.C., 108P
Nomura, M., see Hashimoto, I., 321
Nordlander, B., 59P
Nousiainen, U., 14P, 95P
Nunez, P.L., 20P
Nutter, P.B., 95P

Oberg, B., 56P
Offenbacher, H., 28P
Ogata, H., 33P, 34P
Oh, S.J., 95P
Ohira, T., 14P
Oken, B.S., 2P
Olding-Stenqvist, E., 57P
Oliveira, J., 88P
Oller, L., 47P
Olssen, J.-E., 56P
Olszewski, W.A., 5P
Ongerboer de Visser, B.W., 44P
Onofrj, M., 81P
Orii, K., 33P, 34P
Oro, J.J., 99P, 101P
Osame, M., 96P
Osterman, P.O., 52P
Ottenstein, A.E., 104P
Ottolini, A., 79P
Õunpuu, S. and Winter, D.A., Bilateral electromyographical analysis of the lower limbs during walking in normal adults, 429
Overfield, S., 18P
Owen, J.H., 100P
Owen, L., see Smith, P.E.M., 207

Padamadan, H., 18P, 34P
Paiva, T., 29P
Paixão, J., 88P
Pakalnis, A., 18P, 19P, 20P, 34P
Paladini, D., 80P
Palazzesi, S., 78P
Palestini, M., 84P
Pallini, R., 84P
Paloheimo, M., 101P
Paluš, M., 70P
Panizza, M., 103P
Pantev, C., Hoke, M., Lehnertz, K. and Lütkenhöner, B., Neuromagnetic evidence of an amplitopic organization of the human auditory cortex, 225
Pantieri, R., 84P
Panych, L.P., Wada, J.A. and Beddoes, M.P., Practical digital filters for reducing EMG artefact in EEG seizure recordings, 268
Papakostopoulos, D., 40P, 63P
Papy, J.J., 88P
Pára, F., 75P
Parain, D., 90P
Paraire, F., 91P
Paranjape, R.B., see Koles, Z.J., 41
Parodi, C.I., 83P
Paroski, M.W., 4P, 5P, 12P
Parrino, L., 76P
Partanen, J., 14P, 56P, 95P
Partanen, J., see Soininen, H., 290
Partinen, M., 54P
Passeri, S., 78P
Pastore, C., 51P
Patel, V.M., see Mizrahi, E.M., 81
Patraskakis, S., 83P
Patrick, J.P., see Jayakar, P., 165
Patterson, J.V., see Pratt, H., 507
Paty, J., 26P, 90P
Pearce, J.M.S., 41P
Pechadre, J.C., 37P, 38P

Pedersen, S., 53P, 56P
Pedley, T.A., 2P, 13P, 97P
Pedro-Botet, J., 89P
Pelikán, F., 72P
Pellegrini, A., 85P
Pelosi, L., 83P
Peraita, R., 47P, 87P
Perez Arroyo, M., 45P, 51P
Pérez Cobo, J.C., 45P
Perez Herrezuelo, I., 87P
Pérez Pámies, M., 49P
Pernier, J., see Perrin, F., 184
Perrin, F., Pernier, J., Bertrand, O. and Echallier, J.F., Spherical splines for scalp potential and current density mapping, 184
Persson, A., 57P
Perticoni, G.F., 82P
Petránek, S., 69P, 70P, 71P
Petryk, D.M., 4P
Peyton, M.B., see Fox, J.E., 48
Pfurtscheller, G. and Berghold, A., Patterns of cortical activation during planning of voluntary movement, 250
Pham-Dinh, T., 39P
Philip, H.I., 106P
Phillips, B., 20P
Phillips, L.H., 96P
Picornell-Darder, I., 48P
Picornell Darder, M., 48P
Picton, T.W., 15P
Pihko, H., 60P
Piikivi, L., 59P
Pijn, J.P.M., 39P
Pilgreen, K.L., 20P
Piñero, A., 49P
Pinet, C., 88P
Pinkerton, F., 107P
Pinto, P., 29P
Pirskanen-Matell, R., 59P
Pistoli, E., 78P
Plançon, D., 36P
Platt, K., 98P
Platt, W., 101P
Plouin, P., 27P, 87P, 89P
Pokorny, R., 38P
Polkey, C.E., 106P
Pollak, C., 27P
Ponča, I., 70P, 72P
Ponomarev, V.A., see Bechtereva, N.P., 240
Powell, T., 25P
Powell, T.E., see Wroe, S.J., 346
Prasher, D., 107P
Prasher, D.K., 63P
Pratt, H., Michalewski, H.J., Barrett, G. and Starr, A., Brain potentials in a memory-scanning task. I. Modality and task effects on potentials to the probes, 407
Pratt, H., Michalewski, H.J., Patterson, J.V. and Starr, A., Brain potentials in a memory-scanning task. II. Effects of aging on potentials to the probes, 507
Price, R.H., 21P
Primavera, A., 78P
Pristašová, E., 66P, 71P
Procházka, M., 66P
Proust, B., 90P
Prudenzano, A., 79P
Pšeničková, J., 68P
Puca, F.M., 79P
Puikkonen, J., 57P
Pulvirenti, G., 80P
Purves, S.J., 32P

Quint, S.R., 3P, 5P
Quoex, F., 37P

Rabben, T., 57P
Ragge, N.K., 40P
Raghavan, N., 1P
Ragi, E., see Fox, J.E., 48
Ramamurthy, S., 99P
Ramos, J., see Corsi-Cabrera, M., 305
Rangel, R.J., 16P
Rasi, F., 81P
Rehee, E., 81P
Reiher, J., 9P
Rektor, I., 67P, 68P
Rettig, G.M., 6P
Revelette, W.R., 16P
Rey, M., 88P
Reynolds, III, C.F., see Brenner, R.P., 298
Riche, D., see Brailowsky, S., 147
Richens, A., see Wroe, S.J., 346
Riekkinen, P., 14P, 95P
Riekkinen, P.J., see Soininen, H., 290
Rimmer, S., 14P, 16P
Rivest, J., 9P
Robberecht, W., 74P
Roca, A., 89P
Rodin, E., 7P
Rodriguez, E., 88P
Rodriguez, M., 31P
Rodriguez de Castro, A., 48P
Rodriguez Suarez, S., 87P
Roeber, C., 93P
Roger, J., 91P
Rohan, P., 68P
Rojo, J.E., 49P
Roldán, R., 46P, 47P
Romani, A., 84P
Ronchi, O., 82P
Rönnemaa, T., 54P
Rosales, R.L., 96P
Rosati, G., 83P
Rose, D.F., Sato, S., Smith, P.D., Friauf, W. and Ducla-Soares, E., Subdural electrode as a dipole source for magnetoencephalography, 86
Rose, D.M., 6P
Rose, J.W., 8P

Rosenbaum, T.J., 10P
Rosenfalck, A., 52P
Rosenfeld, J.V., 11P
Roso, M., 47P, 48P, 49P
Rossi, B., 82P
Rossi, G.F., 84P
Roth, B., 68P
Rothner, A.D., 32P
Rottová, I., 69P
Rousseau, J.C., 37P
Roux, S., 36P
Rugg, M.D. and Nagy, M.E., Event-related potentials and recognition memory for words, 395
Ruiz, L., 81P
Ruiz Morales, J.M., 50P
Russi-Tintoré, A., 47P
Růžička, E., 72P
Ryterband, S., 17P

Sabaka, Z., 69P
Sackellares, J.C., 8P
Sagalés, T., 89P
Sagar, H.J., 62P
Saginario, A., 78P
Saginario, M., 82P
Sainio, K., 60P
Sakamaki, S., 33P, 34P
Sala, A., 51P
Salefranque, F., 90P
Salinsky, M., 2P
Salmi, T., 54P, 58P
Salmoiraghi, M., 80P
Salu, Y., 98P
Samson-Dollfus, D., 29P, 39P, 90P
Sánchez Turet, M., 47P, 48P, 49P
Sandhu, L.S., 96P
Sandrini, G., 81P
Santamaria, J., 102P
Santana, H.B., 19P
Santin, J., 19P
Santoro, L., 81P
Sartucci, F., 82P
Sasaki, M., see Hashimoto, I., 321
Sato, S., see Rose, D.F., 86
Sau, G.F., 83P
Sautreaux, J.L., 87P
Savelle, J., see Lansing, R., 59
Scarpino, O., 78P
Schachter, S.C., 11P
Schady, W., 108P
Schamann, M.E., 12P
Schiphof, P.R., 44P
Schlichting, C., 16P
Schmaltz, S., 7P
Schmidt, R., 54P, 108P
Schmitt, F., 20P
Schoenen, J., 37P
Schoenhuber, R., 80P
Scholz, E., see Bacher, M., 176
Schomer, D.L., 11P
Schriefer, T.N., 99P
Schulzer, M., 99P, 102P
Schwartzová, K., 67P
Scibelli, M., 85P
Scivittaro, F., 79P
Scrofani, A., 80P
Sebban, C., 38P
Sebrosa, F., 88P
Sedgwick, E.M., 40P, 106P
Segarra, M.D., 49P
Senez, T., 29P
Seppäläinen, A.M., 56P, 58P
Šerclová, L., 67P
Seshia, S.S., see Jayakar, P., 165
Sethi, R.K., see Krarup, C., 259
Sèvre, J.P., see Buguet, A., 471
Seyal, M., 96P, 97P
Sgro, J.A., 97P
Shahar, E., 13P
Sharbrough, F.W., 13P
Sharbrough, F.W., see Lagerlund, T.D., 31
Sharypova, T.A., 77P
Shaw, C.M., 34P
Shearer, D.E., 15P
Sherwood, A.M., 94P
Shibasaki, H., 98P
Shields, C.B., 101P
Shih, P.Y., 97P
Shimon, S., 100P
Shishido, F., see Nagata, K., 16
Shvaloff, A., 38P
Shwedyk, E., see Jayakar, P., 165
Shy, M.E., 104P
Sicard, C., 87P
Siccard, G., 100P
Sicotte, N., see Breslau, J., 281
Sicurella, L., 80P
Sidman, R., 6P, 16P
Siivola, J., 58P
Silva, A.B., 19P
Silva-Barrat, C., 68P
Silva-Barrat, C., see Brailowsky, S., 147
Silvestri, R., 76P
Simone, P., 85P
Sindou, M., see Jeanmonod, D., 450
Singerová, M., 68P
Sirocchi, G., 80P
Sjödahl, R., 53P
Skipper, G., 7P
Sköldenberg, B., 57P
Slimp, J.C., 95P
Smiešková, A., 71P
Smith, A., 63P, 107P
Smith, D.B., 6P, 10P

Smith, D.I. and Mills, J.H., Anesthesia effects: auditory brainstem response, 422
Smith, I., see Wroe, S.J., 346
Smith, I.S., 41P
Smith, J.R., 1P
Smith, P.D., see Rose, D.F., 86
Smith, P.E.M., 25P
Smith, P.E.M., Howell, S.J.L., Owen, L. and Blumhardt, L.D., Profiles of instant heart rate during partial seizures, 207
Soininen, H., Partanen, J., Laulumaa, V., Helkala, E.-L., Laakso, M. and Riekkinen, P.J., Longitudinal EEG spectral analysis in early stage of Alzheimer's disease, 290
Šonka, K., 68P, 71P
Sørensen, A.R., 52P
Sorgato, P., 80P
Soria, E.D., 4P, 5P, 12P
Sotaniemi, K.A., 59P
Soufflet, C., 27P
Špaček, M., 75P
Spaggiari, M.C., 76P
Špalková, V., 66P
Spännare, B., 52P
Specchio, L.M., 79P
Spencer, S., 106P
Spire, J.-P., 14P
Spitzer, A.R., Cohen, L.G., Fabrikant, J. and Hallett, M., A method for determining optimal interelectrode spacing for cerebral topographic mapping, 355
Stack, C.V., 17P
Stakenburg, M., 43P
Stålberg, E., 52P, 57P, 58P
Stanton, P.C., 97P
Starita, A., 82P
Starr, A., see Breslau, J., 281
Starr, A., see Pratt, H., 407, 507
Starr, A., see Wada, S.-I., 535
Stauffer, A.Z., Dodd-o, J. and Lathers, C.M., The relationship of the lock-step phenomenon and precipitous changes in mean arterial blood pressure, 340
Stefan, H., 24P, 27P
Steinmetz, H., Fürst, G. and Meyer, B.-U., Craniocerebral topography within the international 10–20 system, 499
Stejskalová, B., 71P
Sternberg, B., 90P
Stores, G., 28P, 107P
Střelečková, J., 74P
Streletz, L.J., 104P
Stroop, W.G., 8P
Suard, F., 29P
Suchkova, I.A., 77P
Suh, C.K., 33P, 34P
Suisse, G., 38P
Sumner, A.J., 81P, 94P
Sundaram, M., 4P
Sundaram, M., see Hogan, T., 455
Sussman, N.M., 10P
Suzuki, N., 7P
Svanborg, E., 59P
Švejdová, M., 68P
Swerup, C., 59P

Tabaraud, F., Hugon, J., Chazot, F., Moreau, J.J., Vidal, J., Vallat, J.M. and Dumas, M., Motor evoked responses after lumbar spinal stimulation in patients with L5 or S1 radicular involvement, 334
Tagawa, K., see Nagata, K., 16
Talecki, B., 10P
Tartara, A., 79P
Tasker, R.C., 107P
Tassinari, C.A., 84P
Tata, M.R., 77P
Taudy, M., 71P
Tava, G., 84P
Telles, J., 29P
Tennison, M.B., 3P, 5P
Terzano, M.G., 76P
Tesolin, B., 38P
Testa, G.F., 85P
Testa, I., 80P
Thicoipe, M., 90P
Thivierge, J., 15P
Thomas, P., 90P
Tiihonen, J., see Hari, R., 277
Timsit, M., 91P
Timsit-Berthier, M., 37P, 91P
Toivakka, E.I., 59P
Tolonen, U., 59P
Tomassetti, P., 77P
Tonali, P., 85P
Torebjörk, H.E., 108P
Torrealba, G., 10P
Torrens, M., 88P
Tórtola, D., 50P
Towell, A.D., 64P
Towle, V.L., 14P
Townsend, J., 12P
Traba, A., 46P, 47P
Trabucco, M., 77P
Traccis, S., 83P
Treviso, M., 81P, 85P
Trincia, G., 83P
Trotter, C.J., 9P
Trotter, J.F., see Epstein, C.M., 133
Tung, H.C., 99P
Turetsky, B., see Fein, G., 384
Turner, C.W., 15P
Tuunainen, A., 14P
Twery, D., 94P
Twitty, G., 7P
Tybor, C.M., 22P

Ubiali, E., 80P
Uclés, P., 49P
Uematsu, S., 9P

Uemura, K., see Nagata, K., 16
Uhlíř, F., 68P
Ulrich, R.F., see Brenner, R.P., 298
Umbelino, J., 29P
Uncini, A., 81P
Urciuoli, R., 82P

Vacca, G., 77P
Valente, P., 78P
Vallat, J.M., see Tabaraud, F., 334
Van den Berg, C., 103P
Van der Poel, J.C., 63P
Vanderswaag, R., 19P
Van Duijn, H., 44P
Van Emde Boas, W., 39P
Van Hees, J., 74P
Värri, A., 60P
Venables, G.S., 62P
Venturini, P., 89P
Vergara, J.M., 49P
Vergari, S., 78P
Verkkala, E., 60P
Vervisch, J., 24P
Vicini, C., 81P
Vidal, F., 47P
Vidal, J., see Tabaraud, F., 334
Vieth, R.F., 33P
Vijn, P.C.M., 39P
Vingerhoets, H.M., 44P
Vishnubhakat, S.M., 96P
Visser, S.L., see De Sonneville, L.M.J., 491
Vít, F., 69P, 70P
Vítová, Z., 71P
Vladyka, V., 66P
Von Czettritz, G., 26P
Vytoskaya, V.G., 77P

Wackerman, J., 68P
Wada, J.A., see Panych, L.P., 268
Wada, S.-I. and Starr, A., Anatomical bases of binaural interaction in auditory brain-stem responses from guinea pig, 535
Wahren, L.-K., 54P
Walter, D., 3P
Watson, D., 107P
Webb, A., 18P, 93P
Weinberger, D., 103P
Weiner, H., 3P
Weiner, R.D., 21P
Weinmann, H.M., 26P
Weler, B., see Lavie, P., 218
Wennberg, A., 60P
Westmoreland, B., 31P
Wheless, J.W., 17P
Whitenack, S., 98P
Wilder, B.J., 15P, 16P
Wilensky, J.R., 4P
Wilkus, R.J., 4P
Williams, W.J., 8P
Wilton, A., 40P
Windmill, I.M., 101P
Winter, D.A., see Õunpuu, S., 429
Wirch, A.L., 33P, 34P
Witt-Engerström, I., see Hagne, I., 1
Woldbye, M., 52P
Wolkiewiez, J., 38P
Wolpaw, J.R., see Dowman, R., 69
Wong, P.K.H., 35P
Woo, S., 35P
Wood, J.D., 33P
Wright, F.S., 10P, 33P
Wroe, S., 25P
Wroe, S.J., Powell, T.E., Smith, I., Jones, J., Bergel, N., Amos, P., Dixon, R., Brown, S., Richens, A. and Harding, G., A study of inter-reviewer reliability of attacks recorded on ambulatory EEG, 346
Wyllie, E., 7P, 10P, 11P, 32P
Wyllie, R., 32P
Wynn, D., 31P
Wytrzes, L.M., 34P

Xhenseval, B., 91P

Yamada, T., 33P, 34P, 94P
Yock, D.H., 32P
Yonenaga, Y., 96P
Yoshikawa, K., see Hashimoto, I., 321
Young, W., 2P
Younger, D., 97P

Zaini, A., 39P
Zaiwalla, Z., 29P, 107P
Žák, J., 69P
Zandrini, C., 81P
Zanotto, L., 85P
Zaveri, H.P., 8P
Zhang, Y., 32P
Zhang, Y., see Benda, G.I., 189
Zibetti, A., 85P
Zoia, C., 79P
Zschocke, S., 25P
Zubenko, G.S., 12P

Electroencephalography and clinical Neurophysiology, 1989, 72: 568–572
Elsevier Scientific Publishers Ireland, Ltd.

Index of Subjects

VOLUME 72, 1989

(Abstracts from Society Proceedings are not included)

Acoustic myography, a probe for, 548
Action potentials
– APs elicited by air-puff stimulation, 321
– from APs to far-field potentials, 439
– magnetic compound action potentials, 277
Aging
– brain potentials in a memory-scanning task, 507
– EEG in pseudodementia and dementia with depression, 298
– effects on delta and REM sleep parameters, 118
– P300 latency variability in normal elderly, 384
– topographic EEG changes with normal aging and SDAT, 281
Alpha rhythm
– computed radial-current topography of the brain, 41
– computer simulation of the EEG, 31
Alzheimer's disease
– EEG spectral analysis in early stage, 290
– topographic EEG changes, 281
Ambulatory monitoring
– automated analysis of EEGs, 165
– heart rate changes during partial seizures, 207
– inter-reviewer reliability of attack, 346
Amplitopic organization of the human auditory cortex, 225
Amygdala
– heart rate, respiration and epileptic discharges, 463
Anesthesia effects: BAEPs, 422
Antiepileptic drugs, spiking and seizures, 7
Artefact elimination
– origin of the initial lambda wave component, 114
– practical digital EMG filters, 268
Auditory brain-stem potentials
– anesthesia effects, 422
– binaural interactions in guinea pig, 535
Auditory cortex, amplitopic organization, 225
Auditory stimulation
– lability of brain-stem microreflexes, 48
– rhythmic auditory stimulation in epilepsy, 455
Automated analysis of ambulatory EEGs, 165

BAEPs, *see* Auditory brain-stem potentials
Behavior, every-day environment and epileptic events, 198
Benzodiazepines, quantification of EEG, 126
Bilateral EMG analysis of the lower limb, 429
Binaural interactions in BAEPs from guinea pig, 535
Blink reflex
– origin of the initial lambda wave component, 114
Blood pressure
– lock-step phenomenon and cardiovascular function, 340
Book reviews, 91, 367, 459, 550
Brachial plexus, conduction block, 259
Brain-stem
– lability of brain-stem microreflexes, 48
– *see also* Auditory brain-stem potentials

Cardiac, *see* Heart rate
Cardiac nerve and lock-step phenomenon, 340
Cardiovascular surgery and cerebral protection, 81
Cerebral blood flow
– and O_2 metabolism, EEG correlates, 16
– EEG and PET in cerebral infarction, 16
Cerebral cortex
– activation during planning of voluntary movement, 250
– and GABA in photosensitive baboons, 147
– projections from the human foot, 518
Cerebral protection during cardiovascular surgery, 81
Circadian cycles, polysomnography in sleeping sickness, 471
Cognition and GABA in photosensitive baboons, 147
Computed EEG topography, *see* Topography
Computed tomography
– locations of occipital EEG electrodes by CT, 362
Computer
– quantification of benzodiazepine EEG, 126
– radial-current topography of the brain, 41
– simulation of the EEG, 31
Conduction
– APs elicited by air-puff stimulation, 321
– conduction block of the brachial plexus, 259
– muscle conduction velocity and stimulation rate, 529
Current dipole, subdural electrode dipole for MEG, 86
Current source, *see* Generators
Cutaneous afferents from the human foot to cortex, 518

0013-4649/89/$03.50 © 1989 Elsevier Scientific Publishers Ireland, Ltd.

DC recording
- high-quality scalp DC recordings, 545
- slow waves in tracking task, 232
Dementia
- EEG in pseudodementia and dementia with depression, 298
- EEG spectral analysis in early stage Alzheimer, 290
- P300 latency variability in normal elderly, 384
- topographic EEG changes, 281
Depression, EEG in pseudodementia and dementia, 298
Depth electrode monitoring
- heart rate, respiration and epileptic discharges, 463
Diagnosis, benign epileptiform transients of sleep, 479
Diaphragm EMG in man, 59
Digital EMG filters, 268
Diurnal rhythms in primate spinal reflexes and SEPs, 69

EEG
- and PET in cerebral infarction, 16
- attacks in ambulatory EEG, 346
- automated analysis of ambulatory EEGs, 165
- cerebral protection during cardiovascular surgery, 81
- computed radial-current topography of the brain, 41
- computer simulation of the EEG, 31
- correlates of cerebral blood flow and O_2 metabolism, 16
- cross-correlation after sleep deprivation, 305
- EEG changes with normal aging and SDAT, 281
- EEG development in Rett syndrome, 1
- EEG mean frequencies and phenylalanine, 133
- EEG power density and sleep deprivation, 312
- every-day environment and epileptic events, 198
- high-quality scalp DC recordings, 545
- in pseudodementia and dementia with depression, 298
- inter-reviewer reliability and ambulatory EEG, 346
- in very low-birthweight infants, 189
- locations of occipital EEG electrodes by CT, 362
- mapping with spherical splines, 184
- origin of the lambda wave in man, 95
- practical digital EMG filters, 268
- prolonged inactive phases in VLBW infants, 189
- quantification of benzodiazepine EEG, 126
- spectral analysis in early stage Alzheimer, 290
- spiking, seizures and medication, 7
Elderly, *see* Aging
Electrocardiogram during partial seizures, 207
Electrode for acoustic myography, 548
Electrode placement
- craniocerebral topography within the 10–20 system, 499
- electrode spacing for topographic mapping, 355
- locations of occipital EEG electrodes by CT, 362
- subdural electrode dipole for MEG, 86
EMG
- a probe for acoustic myography, 548
- bilateral EMG analysis of the lower limb, 429
- human diaphragm EMG, 59
- practical digital EMG filters, 268
- 24 h tremor quantification based on EMG recording, 176
Encephalopathy, *see* Neurological disorders
Epilepsy
- benign epileptiform transients of sleep, 479
- cat penicillin focus and midline spikes, 140
- EEG development in Rett syndrome, 1
- every-day environment and epileptic events, 198
- GABA and cerebral cortex in photosensitive baboons, 147
- heart rate changes during partial seizures, 207
- heart rate, respiration and epileptic discharges, 463
- inter-reviewer reliability and ambulatory EEG, 346
- lock-step phenomenon and cardiovascular function, 340
- midline spikes in human epilepsy, 140
- practical digital EMG filters, 268
- rhythmic auditory stimulation in epilepsy, 455
- spiking, seizures and medication, 7
Event-related activity
- and recognition memory for words, 395
- in a memory-scanning task, 407, 507
- late sequelae of a neonatal neurological condition, 491
- planning of voluntary movement, 250
Evoked potentials
- brain potentials in a memory-scanning task, 407, 507
- cortical projections from the human foot, 518
- diurnal rhythms in primate spinal reflexes and SEPs, 69
- electrode spacing for topographic mapping, 355
- mapping with spherical splines, 184
- P300 latency variability in normal elderly, 384
- topographical and temporal stability of P300, 373
- *see also* Auditory brain-stem potentials
Excitability, handedness and reflex excitability, 157
Eye movement
- origin of the initial lambda wave component, 114
- origin of the lambda wave in man, 95

Far-field potentials, from action potentials to, 439
Focal epilepsy and midline spikes, 140

GABA and cerebral cortex in photosensitive baboons, 147
Gait, bilateral EMG analysis of the lower limb, 429
Generators
- amplitopic organization of the human auditory cortex, 225
- computed radial-current topography of the brain, 41
- computer simulation of the EEG, 31
- from action potentials to far-field potentials, 439
- mapping with spherical splines, 184

Handedness and reflex excitability, 157
Heart rate
- changes during partial seizures, 207
- respiration and epileptic discharges, 463
Hemispheric correlation
- after sleep deprivation, 305
- handedness and reflex excitability, 157
Hippocampus
- heart rate, respiration and epileptic discharges, 463
Hoffmann reflex, handedness and reflex excitability, 157
Hypothermia
- cerebral protection during cardiovascular surgery, 81

Infants
- EEG in very low-birthweight infants, 189
- late sequelae of a neonatal neurological condition, 491
- positive bursts in childhood encephalopathies, 486
- prolonged inactive phases in the EEG of VLBW infants, 189
Infarction
- EEG and PET in cerebral infarction, 16
- EEG correlates of cerebral blood flow and O_2 metabolism, 16
Information processing
- late sequelae of a neonatal neurological condition, 491
Intensity coding
- amplitopic organization of the human auditory cortex, 225
Interictal activity, midline spikes, 140

Ketamine anesthesia effects: BAEPs, 422

Lambda waves
- origin of the initial lambda wave component, 114
- origin of the lambda wave in man, 95
Laplacian operator
- computed radial-current topography of the brain, 41
Lock-step phenomenon cardiovascular function, 340
Long-loop reflexes, handedness and reflex excitability, 157

Magnetic field
- amplitopic organization of the human auditory cortex, 225
- magnetic compound action potentials, 277
Magnetic resonance imaging and the 10–20 international system, 499
Magnetoencephalogram, subdural electrode dipole for MEG, 86
Mapping, *see* Topography
Mecanoreceptive units, APs elicited by air-puff stimulation, 321
Median nerve, magnetic compound action potentials, 277
Memory
- brain potentials in a memory-scanning task, 407, 507
- ERPs and recognition memory for words, 395
Mental retardation, *see* Retardation
Metabolism
- EEG and PET in cerebral infarction, 16
- EEG correlates of cerebral blood flow and O_2 metabolism, 16
Methodology, electrode spacing for topographic mapping, 355
Microelectrode intraoperative recording in human spinal cord, 450
Models
- computer simulation of the EEG, 31
- EEG power density and sleep deprivation, 312
- from action potentials to far-field potentials, 439
- mapping with spherical splines, 184
Monitoring
- automated analysis of ambulatory EEGs, 165
- every-day environment and epileptic events, 198
- heart rate changes during partial seizures, 207
- 24 h polysomnography in sleeping sickness, 471
Monkey
- GABA and cerebral cortex in photosensitive baboons, 147
Motor
- craniocerebral topography within the 10–20 system, 499
- evoked responses in L5 or S1 radiculopathy, 334
- planning of voluntary movement, 250
- *see also* Eye movement
Multiunit activity
- human thalamic and pallidal responses, 240
- intraoperative unit recording in human spinal cord, 450
Multiple sclerosis, origin of the lambda wave in man, 95
Mu rhythms and planning of voluntary movement, 250
Muscle
- a probe for acoustic myography, 548
- cortical projections from the human foot, 518
- muscle conduction velocity and stimulation rate, 529

Nap timing, 218
Neonatal neurological optimality, late sequelae, 491
Nerve
- action potentials elicited by air-puff stimulation, 321
- *see also* Conduction
Neurological disorders
- EEG development in Rett syndrome, 1
- EEG spectral analysis in early stage Alzheimer, 290
- lambda waves in multiple sclerosis, 95
- positive bursts in childhood encephalopathies, 486
- topographic EEG changes with SDAT, 281
- 24 h polysomnography in sleeping sickness, 471
Neuropathy
- conduction block of the brachial plexus, 259
- motor evoked responses in L5 or S1 radiculopathy, 334
Normal subjects
- bilateral EMG analysis of the lower limb, 429
- cortical activation and preparation to movement, 250
- lability of brain-stem microreflexes, 48
- P300 latency variability in normal elderly, 384
- topographic EEG changes with normal aging and SDAT, 281

Occipital cortex
- locations of occipital EEG electrodes by CT, 362
- origin of the lambda wave in man, 95

Pain, motor evoked responses in L5 or S1 radiculopathy, 334
Pallidal and thalamic responses in man, 240
Parkinsonism
- human thalamic and pallidal responses, 240
- 24 h tremor quantification based on EMG recording, 176
Penicillin focus and midline spikes, 140
Performance
- late sequelae of a neonatal neurological condition, 491
Phenylalanine and EEG mean frequencies, 133
Phenylketonuria
- EEG mean frequencies and phenylalanine, 133
Photic stimulation in epilepsy, 455
Photosensitive baboons, GABA and cerebral cortex, 147

Positive bursts in childhood encephalopathies, 486
Positron emission tomography
- cerebral blood flow and O_2 metabolism, 16
- in cerebral infarction, 16
Preparation to movement and cortical activation, 250
Primates
- diurnal rhythms in primate spinal reflexes and SEPs, 69
- GABA and cerebral cortex in photosensitive baboons, 147
Principal component analysis of benzodiazepine EEG, 126
Prognosis
- EEG in very low-birthweight infants, 189
- prolonged inactive phases in the EEG of VLBW infants, 189
P300
- latency variability in normal elderly, 384
- topographical and temporal stability of P300, 373

Quantification
- EEG correlates of cerebral blood flow and O_2 metabolism, 16
- of benzodiazepine EEG, 126
- 24 h tremor quantification based on EMG recording, 176

Radial-current topography of the brain, 41
Radiculopathy and motor evoked responses, 334
Reciprocal inhibition and handedness, 157
Recognition memory task and ERPs, 395
Reflexes
- diurnal rhythms in spinal reflexes and SEPs, 69
- handedness and reflex excitability, 157
- lability of brain-stem microreflexes, 48
Respiration
- and epileptic discharges, 463
- human diaphragm EMG, 59
Retardation, every-day environment and epileptic events, 198
Rhythmicity, computer simulation of the EEG, 31

Saccade, origin of the lambda wave in man, 95
Scalp potentials
- high-quality scalp DC recordings, 545
- mapping with spherical splines, 184
Sensory cortex topography within the 10–20 system, 499
Sensory stimulation, APs elicited by air-puff stimulation, 321
Simulation of the EEG with a computer, 31
Sleep
- age effects on delta and REM sleep parameters, 118
- benign epileptiform transients of sleep, 479
- cross-correlation after sleep deprivation, 305
- SWS deprivation, EEG power density and sleep duration, 312
- 24 h polysomnography in sleeping sickness, 471
Sleepiness, timing of naps, 218
Slow waves in tracking task, 232
Society proceedings
- AAEE/AEEGS Joint Symposium, San Diego, October, 1988, 93P
- American, San Diego, February 1988, 31P
- American, San Diego, October 1988, 1P
- Czechoslovak, Opava, May 1988, 66P
- Dutch, Utrecht, April 1988, 43P
- English, Leeds, April 1988, 40P
- English, Bristol, June 1988, 61P
- English, London, October 1988, 106P
- Finnish, Espoo, May 1988, 52P
- French, Rouen, March 1988, 36P
- French, Toulouse, June 1988, 87P
- German, Bad Hofgastein, January 1988, 24P
- Italian, Parma, October 1987, 76P
- Spanish, Barcelona, December 1987, 45P
Somatosensory evoked potentials
- diurnal rhythms in primate, 69
- electrode spacing for topographic mapping, 355
Spatial distribution, *see* Topography
Spectral EEG analysis
- age effects on delta and REM sleep parameters, 118
- and phenylalanine, 133
- and sleep deprivation, 312
- in early stage Alzheimer, 290
- of benzodiazepine EEG, 126
Spiking, seizures and medication, 7
Spinal cord
- diurnal rhythms in primate spinal reflexes and SEPs, 69
- handedness and reflex excitability, 157
- intra-operative unit recording in man, 450
- motor evoked responses in L5 or S1 radiculopathy, 334
Stationary potentials, from APs to far-field potentials, 439
Stimulation
- brain potentials in a memory-scanning task, 407, 507
- muscle conduction velocity and stimulation rate, 529
Subdural electrode dipole for MEG, 86
Supraspinal loop, handedness and reflex excitability, 157

Tasks
- brain potentials in a memory-scanning task, 407, 507
- ERPs and recognition memory for words, 395
- slow waves in tracking task, 232
Technique
- a probe for acoustic myography, 548
- automated analysis of ambulatory EEGs, 165
- high-quality scalp DC recordings, 545
- intra-operative unit recording in human spinal cord, 450
- practical digital EMG filters, 268
- 24 h tremor quantification based on EMG recording, 176
Telemetry, every-day environment and epileptic events, 198
Temporal lobe
- craniocerebral topography within the 10–20 system, 499
- heart rate, respiration and epileptic discharges, 463
Temporo-spatial stability of P300, 373
Thalamus
- computer simulation of the EEG, 31
- human thalamic and pallidal responses, 240
Topographic mapping
- computed radial-current topography of the brain, 41
- cortical activation and preparation to movement, 250
- EEG changes with normal aging and SDAT, 281

– electrode spacing for topographic mapping, 355
– mapping with spherical splines, 184
– planning of voluntary movement, 250
– quantification of benzodiazepine EEG, 126
– topographical and temporal stability of P300, 373
Tracking task and slow waves, 232
Tremor quantification based on 24 h EMG recording, 176

Ulnar nerve
– conduction block of the brachial plexus, 259
– magnetic compound action potentials, 277
Unitary activity
– heart rate, respiration and epileptic discharges, 463
– intra-operative unit recording in human spinal cord, 450

Vertex spikes in cat penicillin focus and human epilepsy, 140
Visual cortex topography within the 10–20 system, 499
Visual evoked potentials
– origin of the lambda wave in man, 95
Visual recognition task
– human thalamic and pallidal responses, 240
Voluntary contraction
– and cortical activation, 250
– muscle conduction velocity and stimulation rate, 529

Wakefulness, cross-correlation after sleep deprivation, 305
Walking, bilateral EMG analysis of the lower limb, 429
Wave form recognition in benzodiazepine EEG, 126
Withdrawal
– GABA and cerebral cortex in photosensitive baboons, 147
Words, ERPs and recognition memory for words, 395